



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

NOV 03 2015

REPLY TO THE ATTENTION OF:
WN-16J

Chad Luker
Post Office Box 2650
Tulsa, Oklahoma 74136

Re: Authorization to Discharge Pursuant to EPA's NPDES General Permit ILG62 (15601 West
Brunns Road, Manhattan, Illinois 60442)

Dear Mr. Luker:

The United States Environmental Protection Agency (EPA) reviewed your notice of intent (NOI) and supplemental information that was received on October 8, 2015. Based on our review, you are eligible for coverage and authorized to discharge under EPA's National Pollutant Discharge Elimination System general permit ILG62. You have been assigned tracking number ILG620057 and should include this tracking number with any correspondence or reporting to EPA.

For your reference, a list of your responsibilities under the general permit is enclosed. However, EPA encourages you to study the permit carefully as it requires certain actions at specific times by you, the permittee, and your authorized representative. You may obtain a copy of the permit from EPA's website at <http://www.epa.gov/region5/water/npdestek/surfacedischarge/>. All discharges must be consistent with the terms and conditions of the permit. Noncompliance with the permit conditions constitutes a violation of the permit and may bring criminal or civil penalties upon the permittee.

If this permit is not reissued or replaced prior to its expiration date (February 9, 2019), it will be administratively continued in accordance with 40 C.F.R. §122.6. Your authorization to discharge under this permit will remain until you submit a notice of termination (See Permit Appendix III) or EPA reissues or replaces this permit. In order to maintain your authorization to discharge under any subsequent permit issued by EPA, you must submit a simplified NOI (See Permit Appendix VI) that is post marked on or before the effective date of the new permit.

Thank you for your efforts to protect water quality. If you have any questions, feel free to contact Mark Ackerman at (312) 353-4145 or at ackerman.mark@epa.gov.

Sincerely,



Kevin M. Pierard, Chief
NPDES Programs Branch

Enclosure

Cc: Al Keller, Illinois EPA, electronically
Elizabeth Bilotta, Will County Health Department, electronically
Ray Tebo, NET Excavation, electronically
Neil Piggush, Piggush Engineering, Inc., electronically

Responsibilities Under the General Permit

Effluent Limitations

Parameter	Effluent Limitations for surface discharges to Waters of the United States or to conveyances that discharge to Waters of the United States Units in milligrams/liter Unless Otherwise Noted	
	<u>Maximum Daily Limitation</u>	<u>Monitoring (Shall be conducted during discharge)</u>
BOD ₅	45	Grab Every 6 months
or: ¹ COD	72	Grab Every 6 months
TSS	45	Grab Every 6 months
Dissolved Oxygen	5.0 Minimum	Grab Every 6 months
Fecal Coliform	400 Colony Forming Units / 100 milliliter	Grab ²
Total Residual Chlorine (TRC) ^{3, 4, 5}	0.038	Grab Every 6 months
pH	6.0 to 9.0 Standard Units	Grab Every 6 months
Flow ⁶		Estimated Every 6 months
Oil, Odor, Color, Floating Debris ⁷	None Detectable in Discharge or Caused by Discharge in the Receiving Water	Observation Every 6 months

1. The Owner or Operator may analyze effluent samples using either Five Day Biochemical Oxygen Demand (BOD₅) or Chemical Oxygen Demand (COD). Compliance will be evaluated against the limit for the chosen parameter.
2. Monitoring frequency for fecal coliform must be conducted every 6 months if chlorine disinfection or annually if any alternative to chlorine disinfection is used (e.g. ultraviolet disinfection).
3. TRC sampling (benchmark range, and final acute value) is only required when chlorine is used for disinfection.
4. The benchmark range for TRC (showing effective disinfection) is 0.2 to 1.5 mg/l. A grab sample must be taken every 6 months from the sample port located at the exit of the chlorine disinfection unit to evaluate the effectiveness of the disinfection treatment.

system. Failure to meet benchmark range values is not a permit violation, but rather indicates that the permittee shall adjust the chlorine delivery system.

5. Final acute value calculated from 35 IAC § 302.208. Sample must be taken where the effluent discharges to a Water of the United States or conveyance to a Water of the United States. Failure to meet the final acute value is a permit violation.
6. Flow estimates can be derived from instantaneous timed water meter data, effluent flow measurements, or other methods. Estimates are to be recorded as gallons per day.

General Responsibilities

1. Maintain the system so it meets the numeric and narrative effluent limits.
2. Perform operation and maintenance in accordance with the manufacturer's schedule.
3. Comply with the inspections, monitoring, effluent sampling, reporting, records retention, and other tasks described in the permit.
4. Address needed system adjustments, operational modifications, repairs, parts replacement, pumping of residuals, and other conditions that cause or might cause violations of the effluent limitations.

Inspections and Monitoring

1. Visual Inspections
 - a. Conducted by the system Owner/Operator twice a year (approximately 3-months following a semi-annual inspection by a Qualified Individual).
 - b. Requirements
 - i. Check to make sure there are no foreign objects such as trash or other debris interfering with the treatment processes.
 - ii. Check that effluent quality appears to be normal.
 - c. Maintain a visual inspection log that documents the following:
 - i. Date the visual inspection was performed.
 - ii. Any problems causing the system to operate improperly, if any.
 - iii. Visual inspection log must be retained by the Owner/Operator for 3-years following the after the date of the inspection.
2. Semi-Annual Inspections and Effluent Monitoring
 - a. Conducted by wastewater treatment plant operators, licensed environmental health practitioners, Illinois Department of Public Health licensed Private Sewage Disposal System Installation Contractors, or individuals holding either the basic or advanced certificate of onsite wastewater treatment system certification, and licensed professional engineers in the state of Illinois.
 - b. Must have the system inspected twice a year by someone meeting the qualifications above.
 - c. Inspectors must perform the inspection and effluent monitoring according to the requirements outlined in the general permit at Part III.3.a through k and prepare an inspection report.

- d. The completed inspection report must be signed by the inspector in accordance with Part II.F of the general permit, and it must include his/her qualifications in the report.

Record Keeping

3. The Owner/Operator must do the following:
 - a. Submit the effluent monitoring results to EPA within 10 days after receipt of the analytical test results using the discharge monitoring report (DMR) in Appendix IV of the general permit.
 - i. The DMR must be signed in accordance with Part II.F of the general permit and sent via certified mail to the following address:

U.S. Environmental Protection Agency
Region 5, Water Division
NPDES Programs Branch (WN-16J)
General Permit ILG62 NOI
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- ii. A copy of the signed DMR must also be sent to the local health department.
- b. Retain properly completed semi-annual inspection reports (including visible inspection log) for 3 years after the date of the inspection.